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PATENT APPLICATION
Attorney Docket: 6647-016CC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Delos C. JENSEN; Stephen R. CARTER

Serial No.: 09/691,629

Examiner: Michael N. OPSASNICK

RECEIVED

Filed: October 18, 2000

Group Art Unit: 2655

NOV 19 2004

Title: **METHOD AND MECHANISM FOR SUPERPOSITIONING STATE VECTORS IN A SEMANTIC ABSTRACT**

Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-referenced application are the following:

- Transmittal Letter (in duplicate)
- Copy of Notice to File Missing Parts
- Filing Fee
- Change of Address
- Applicant claims small entity status (see 37 CFR 1.27)
- [Publication and] Issue Fee
- Formal Drawings sheet(s)
- Assignment and Cover
- (Supplemental) Information Disclosure Statement
 - PTO Form 1449 Publication references cited
- Combined Declaration and Power of Attorney
- Declaration
- Power of Attorney
- Surcharge for Late Filing of Fee or Oath or Declaration
 - \$65 - Small Entity \$130 - Large Entity
- In connection with issuance of a patent:
 - Supplemental Declaration PTO Form 85B
- PTO Form 2038 authorizing credit card payment for the above-listed fees
- A check in the amount of \$ to cover the above-listed fees.
- Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

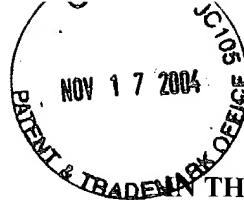
Respectfully Submitted,
MARGER, JOHNSON & McCOLLOM

Ariel S. Rogson
Reg. No. 43,054

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, OR 97205
503-222-3613
Customer No. 45842

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313. Date: November 15, 2004

Jeanne Bower



PATENT APPLICATION
ATTORNEY DOCKET No. 6647-016
IDR-450

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INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97 (b); or

(Within three months of filing national application; or date of entry of International application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97 (c) together with either a:

Statement under 37 CFR 1.97 (e), or
 a \$180 fee under 37 CFR 1.17 (p); or

(After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action)

under 37 CFR 1.97 (d) together with:

Statement under 37 CFR 1.97 (e), and
 a \$180.00 fee set forth in 37 CFR 1.17 (p).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s) submit herewith Form PTO 1449 Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

It is requested that the information disclosed herein be made of record in this application.

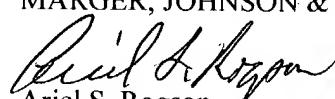
Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

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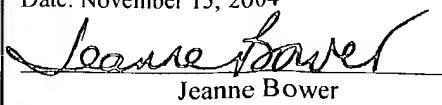
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INFORMATION DISCLOSURE STATEMENT
PTO-1449

U.S. PATENT DOCUMENTS

<u>Exam Init</u>	<u>Ref</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>
		5,276,677	1/04/94	Ramamurthy et al.	370	60
		5,317,507	5/31/94	Gallant	364	419.13
		5,325,298	6/28/94	Gallant	364	419.19
		5,539,841	7/23/96	Huttenlocher et al.	382	218
		5,551,049	8/27/96	Kaplan et al.	707	532
		5,619,709	4/08/97	Caid et al.	395	794
		5,675,819	10/07/97	Schuetze	704	10
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		6,615,208	9/02/03	Behrens et al.	707	5
		6,675,159	1/06/04	Lin et al.	707	3

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OTHER DOCUMENTS

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		Bartell, et al., "Latent Semantic Indexing is an Optimal Special Case of Multidimensional Scaling," <i>Dept. of Computer Science & Engineering, University of California, San Diego</i> , 1992, 7 pages.
		Chomsky, "Language and Thought," 1993, pgs. 18-19, 22-27, 44-45, 60-61.
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		Pejtersen, "Semantic Information Retrieval," <i>Communications of the ACM</i> , Vol. 41, No. 5, 4/98, pgs. 90-92.
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		Singh, "Unifying Heterogeneous Information Models," <i>Tesserae Information Systems, Inc.</i> , http://citeseer.ist.psu.edu.com , pgs. 1-13
		Smith, "Computers and human language," 1991, pgs. 205-257.
		"WordNet – a lexical database for the English language," <i>Cognitive Science Laboratory, Princeton University</i> , www.cogsci.princeton.edu , 2 pgs.

Examiner: _____

Date Considered: _____